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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: Joseph R. WEBSTER

Application No.: 10/015,189

Group No.:

Filed: December 7, 2001

For: Polyolefin Articles With Long-Term Elevated Temperature Stability

Assistant Commissioner for Patent  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

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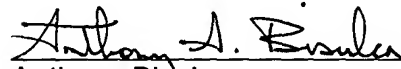
Dear Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith).


1. ☒ Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of Information Disclosure Statement citations.
  - 1c. ☐ EPO Search Report
2. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) with the filing of the U.S. patent application. Accordingly, no fee or §1.97(e) Statement is required.
3. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is required.
4. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance. The \$180.00 fee set forth in 37 CFR §1.17(p) in accordance with 37 CFR §1.97(c) is to be charged to Deposit Account No. 03-2060.

5. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(e) in that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. Accordingly, no fee is required.
6. ☐ This Information Disclosure Statement is filed in conjunction with a Request For Continued Examination. Accordingly, no fee or §1.97(e) Statement is required.

Respectfully submitted,

  
\_\_\_\_\_  
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FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98 (b))	ATTY. DOCKET NO. 2000US102/CIP	SERIAL NO. 10/015,189
	APPLICANT: Joseph R. Webster	
	FILING DATE: 12/7/01	GROUP:

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,262,153 B1 ✓	7/17/2001	Webster et al			
	AB	6,218,452 B1 ✓	4/17/2001	Kaul et al.			
	AC	6,201,047 B1 ✓	3/13/2001	Avar et al.			
	AD	6,197,274 B1 ✓	3/6/2001	Mahmud et al.			
	AE	6,153,676 ✓	11/28/2000	Avar et al.			
	AF	6,126,736 /	10/03/2000	Stoll et al.			
	AG	6,063,843 ✓	05/16/2000	Sidqi et al.			
	AH	5,571,899 /	11/05/1999	Kaul et al.			
	AI	5,969,014 ✓	10/19/1999	Webster et al.			
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	AK	5,932,640 ✓	08/03/1999	Kaul et al.			
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	AAB	4,976,889	12/11/1990	Aumuellet et al.			
	AAC	4,925,889	05/15/1990	Capolupo et al.			

**EXAMINER**

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



	AAD	4,367,307	01/04/1983	Hirai et al.			
	AAE	4,366,271	12/28/1982	Riegler			
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	AAO	3,344,113	09/26/1967	Alheim et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

		DOCUMENT NUMBER	PUB. DATE	COUNTRY		TRANSLATION
	BA	2292559 ✓	02/28/1996	Great Britain		N/A
	BB	843985 ✓	06/09/1970	Canada		N/A
	BC	DE 4012449 A1 ✓	10/24/1991	Germany		See CC, below
	BD	DE 3233953 A1 ✓	03/15/1984	Germany		See CD, below
	BE	0675160 A2 ✓	10/04/1995	Europe		N/A
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	BG	0325172 B1 ✓	07/26/1989	Europe		N/A
	BH	820,207 ✓	10/16/1959	Great Britain		N/A
	BI	419,445 ✓	04/08/1933	Great Britain		N/A
	BJ	3-207733 ✓	09/11/91	Japan		See CE, below
	BK	97/43335 ✓	11/20/1997	WIPO		N/A
	BL	97/05189 ✓	02/13/1997	WIPO		N/A
	BM	95/28443 ✓	10/26/1995	WIPO		N/A

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication\*\*)

	CA	U.S. Patent Application Serial No. 08/518,625, filed 08/23/1995, Sanahuja
	CB	U.S. Patent Application Serial No. 09/141,893, filed 8/28/1998, Webster et al.
	CC	English Abstract of DE 4012449; 10/24/1991
	CD	English Abstract of DE 3233953; 03/15/1984
	CE	English Abstract of JP 03-207733; 09/11/1991
	CF	English Abstract of JP 6010276; 01/18/1994
	CG	English Abstract of JP 60-042441; 03/06/1985

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	CN	Whitney, "The Modifying Characteristics of Special Carbon Blacks With Emphasis On Ultra-Violet Light Stabilization" from "1998 Society of Plastics Engineers Regional Conference; October 2, 1988
	CO	Williams et al., "Effect of the Chemical and Physical Properties of Carbon Black on its Performance in Polyethylene" pp. 861-886, for "Journal of Applied Polymer Science" Vol. 9; 1965
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	CR	Chemical Abstract 72:11860t; 1970
	CS	Chemical Abstract 69:10147s; 1968
	CT	Howard, "Autoxidation and Antioxidants. Basic Principles and New Developments", pp. 976-990; from "Rubber Chemistry and Technology"; May 7, 1974
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	CV	Uzelmeier, "The Effect of Pigments on the Heat and Light Stability Of Polypropylene"; pp. 29-33; 1969
	CW	"A Total System Approach - Colorants and Additive Modifiers", from "1998 Society of Plastics Engineers Regional Conference"; 1988
	CX	"Epoxide Resin Tools" pp.448,449, from "British Plastics", October 1957
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	CZ	Serizawa et al., "Effects of Oxidation of Carbon Black Surface on the Properties of Carbon Black-Natural Rubber Systems", pp. 201-206, from "Polymer Journal", Vol. 15, No. 3, 1983
	CAA	Hawkins et al., "Carbon Black as a Catalyst in the Oxidation of Antioxidants" pp.S106, S107, from "Journal of Polymer Science", Vol. 62, Issue 174; 1962
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	CAC	Walker et al., "Carbon-Black Survives 20 Years of Weathering in Canada", pp. 68-72, from "Modern Plastics"; May 1983
	CAD	Latocha et al., "Temperature Effect on the Cooperative Action of Antioxidants", pp. 189-192, from "Polymer Degradation and Stability"; Vol. 7; 1984
	CAE	Scott, "Atmospheric Oxidation and Antioxidants", pp. 119-125, Elsevier Publishing Company; 1965
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	CAG	Drogin, "The Use of Carbon Black in Plastics", pp. 248-252, from "SPE Journal", March 1965
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